

CAS/STN FILE 'WPIX' ENTERED AT 14:18:30 ON 23 JAN 2008

L1 1 SEA ABB=ON PLU=ON DE10042132/PN
 L2 SEL PLU=ON L1 1- PN : 1 TERM

FILE 'DPCI' ENTERED AT 14:18:57 ON 23 JAN 2008

L3 1 SEA ABB=ON PLU=ON DE10042132/PN.D

FILE 'STNGUIDE' ENTERED AT 14:19:48 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 14:59:06 ON 23 JAN 2008

L4 3078 SEA ABB=ON PLU=ON (LASER##### OR BEAM OR IRRADIAT##### OR RADIATION OR ELECTROMAGNETIC(2A) (HEAT##### OR ENERGY)) (5A)?SINTER?

FILE 'STNGUIDE' ENTERED AT 14:59:12 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:11:51 ON 23 JAN 2008

L5 297347 SEA ABB=ON PLU=ON (?PARTICL? OR ?PARTICULAT? OR DUST? OR DOT OR GRIT? OR ?GRAIN? OR ?GRANUL? OR ?POWDER? OR FINES? OR PRILL? OR FLAKE? OR ?PELLET? OR BB OR MICROSPHERE OR NANOSPHERE) (4A) (SINTER##### OR METAL OR METALLIC OR AL OR CU OR ALUMINUM OR ALUMINIUM OR COPPER OR ELECTRIC##### (2A) CONDUCT#####)

L6 1196 SEA ABB=ON PLU=ON L4 AND L5

FILE 'HCAPLUS' ENTERED AT 15:12:48 ON 23 JAN 2008

L7 846 SEA ABB=ON PLU=ON (LASER##### OR BEAM OR IRRADIAT##### OR RADIATION OR ELECTROMAGNETIC) (4A) (CONSOLIDAT##### OR SOLIDIF### ##)

L8 81 SEA ABB=ON PLU=ON (?PARTICL? OR ?PARTICULAT? OR DUST? OR DOT OR GRIT? OR ?GRAIN? OR ?GRANUL? OR ?POWDER? OR FINES? OR PRILL? OR FLAKE? OR ?PELLET? OR BB OR MICROSPHERE OR NANOSPHERE) (4A) (SINTER##### OR METAL OR METALLIC OR AL OR CU OR ALUMINUM OR ALUMINIUM OR COPPER OR ELECTRIC##### (2A) CONDUCT#####) AND L7

L9 1266 SEA ABB=ON PLU=ON L6 OR L8

FILE 'STNGUIDE' ENTERED AT 15:13:14 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:14:54 ON 23 JAN 2008

L10 42 SEA ABB=ON PLU=ON L9 AND (PROJECTION OR ROUGH##### OR BUMP##### OR FEATURES OR IRREGULAR##### ?PORE? OR ?POROUS? OR ?POROS? OR VOID OR MICROVOID OR NANOVOID) (3A) SURFACE

L11 22 SEA ABB=ON PLU=ON L9 AND SURFACE(2A) AREA

L12 3 SEA ABB=ON PLU=ON L9 AND SURFACE(4A) (PEAK##### OR VALLEY##### OR ?PATTERN?)

L13 44 SEA ABB=ON PLU=ON L9 AND ?LAYERED

L14 7 SEA ABB=ON PLU=ON L9 AND ?LAYERING

L15 1 SEA ABB=ON PLU=ON L9 AND BUILTUP

L16 0 SEA ABB=ON PLU=ON L9 AND BUILDUP

L17 15 SEA ABB=ON PLU=ON L9 AND BUILD UP

L18 6 SEA ABB=ON PLU=ON L9 AND BUILT UP

L19 24 SEA ABB=ON PLU=ON L9 AND MULTILAYER?

L20 7 SEA ABB=ON PLU=ON L9 AND MULTI LAYER?

FILE 'STNGUIDE' ENTERED AT 15:16:35 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:17:51 ON 23 JAN 2008

L21 0 SEA ABB=ON PLU=ON L9 AND (SUBLAYER? OR OVERLAYER? OR SUCCEE##### (3A) (?COAT? OR LAYER? OR ?MEMBRAN? OR FILM))

FILE 'STNGUIDE' ENTERED AT 15:17:51 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:18:07 ON 23 JAN 2008

L22 0 SEA ABB=ON PLU=ON L9 AND (SUB LAYER? OR OVER LAYER?)

FILE 'STNGUIDE' ENTERED AT 15:18:11 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:18:36 ON 23 JAN 2008

L23 24 SEA ABB=ON PLU=ON L9 AND (RESISTIVIT##### OR RESISTANCE) (1A) ELECTRIC#####

FILE 'STNGUIDE' ENTERED AT 15:18:40 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:18:52 ON 23 JAN 2008

L24 27 SEA ABB=ON PLU=ON L9 AND CONDUCT##### (1A) ELECTRIC#####

FILE 'HCAPLUS' ENTERED AT 15:19:14 ON 23 JAN 2008

L25 1 SEA ABB=ON PLU=ON L9 AND CONDUCT? (1T) ELECTRO?

FILE 'STNGUIDE' ENTERED AT 15:19:19 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:20:14 ON 23 JAN 2008

L26 21 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25) AND SURFACE##### (6A) METAL#####

FILE 'STNGUIDE' ENTERED AT 15:20:19 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:20:28 ON 23 JAN 2008

L27 19 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25) AND SURFACE##### AREA

FILE 'STNGUIDE' ENTERED AT 15:20:35 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 15:21:13 ON 23 JAN 2008

L28 27 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25) AND CONDUCT##### (1A) ELECTRIC#####

FILE 'HCAPLUS' ENTERED AT 15:21:23 ON 23 JAN 2008

L29 0 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25) AND CONDUCT##### (1A) RESIST#####

FILE 'HCAPLUS' ENTERED AT 15:21:33 ON 23 JAN 2008

L30 24 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25) AND ELECTRIC##### (1A) RESIST#####

FILE 'HCAPLUS' ENTERED AT 15:21:47 ON 23 JAN 2008

L31 6 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25) AND GRADIENT

L32 1 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25) AND COIL

FILE 'HCAPLUS' ENTERED AT 15:21:47 ON 23 JAN 2008

L33 2 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND ?COIL

L34 1 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND MAGNET

L35 0 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND MRI

L36 1 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND MAGNETIC RESONANCE

L37 0 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND NUCLEAR MAGNETIC

FILE 'STNGUIDE' ENTERED AT 15:22:42 ON 23 JAN 2008**FILE 'HCAPLUS' ENTERED AT 15:22:59 ON 23 JAN 2008**

L38 0 SEA ABB=ON PLU=ON US20070216411/PN

FILE 'STNGUIDE' ENTERED AT 15:23:13 ON 23 JAN 2008**FILE 'WPIX' ENTERED AT 15:23:46 ON 23 JAN 2008**

L39 1 SEA ABB=ON PLU=ON US20070216411/PN
L40 SEL PLU=ON L39 1- IC IPC : 8 TERMS

FILE 'HCAPLUS' ENTERED AT 15:24:13 ON 23 JAN 2008

L41 5674 SEA ABB=ON PLU=ON L40
L42 29 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR
L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
L25) AND L41

FILE 'STNGUIDE' ENTERED AT 15:24:16 ON 23 JAN 2008**FILE 'HCAPLUS' ENTERED AT 15:25:06 ON 23 JAN 2008**

L43 111 SEA ABB=ON PLU=ON ((L26 OR L27 OR L28 OR L29 OR L30 OR L31
OR L32 OR L33 OR L34 OR L35 OR L36 OR L37 OR L38) OR L42)
L44 103 SEA ABB=ON PLU=ON L43 AND ?SINTER?
L45 76 SEA ABB=ON PLU=ON L43 AND LASER?
L46 57 SEA ABB=ON PLU=ON L43 AND SURFACE
L47 36 SEA ABB=ON PLU=ON L44 AND L45 AND L46
L48 1 SEA ABB=ON PLU=ON L47 AND CONDUCTOR
L49 0 SEA ABB=ON PLU=ON L47 AND CONDUCTING
L50 2 SEA ABB=ON PLU=ON L47 AND CONDUCTIVE
L51 6 SEA ABB=ON PLU=ON L47 AND CONDUCTIV####
L52 2 SEA ABB=ON PLU=ON L47 AND RESISTANCE
L53 1 SEA ABB=ON PLU=ON L47 AND RESISTIV####
L54 9 SEA ABB=ON PLU=ON (L48 OR L49 OR L50 OR L51 OR L52 OR L53)
L55 SEL PLU=ON L54 1- RN : 31 TERMS
L56 2004651 SEA ABB=ON PLU=ON L55
L57 8 SEA ABB=ON PLU=ON L54 AND L56
L58 9 SEA ABB=ON PLU=ON L54 OR L57

FILE 'STNGUIDE' ENTERED AT 15:26:53 ON 23 JAN 2008

FILE 'REGISTRY' ENTERED AT 15:30:00 ON 23 JAN 2008

L59 24083 SEA ABB=ON PLU=ON COPPER ALLOY AND AL/MAC
 L60 48540 SEA ABB=ON PLU=ON ALUMINUM ALLOY AND CU/MAC
 L61 75222 SEA ABB=ON PLU=ON AL/MAC AND CU/MAC AND ALLOY#####
 L62 1034 SEA ABB=ON PLU=ON AL.CU/MF
 L63 1 SEA ABB=ON PLU=ON COPPER/CN
 L64 1 SEA ABB=ON PLU=ON ALUMINUM/CN

FILE 'HCAPLUS' ENTERED AT 15:31:19 ON 23 JAN 2008

L65 1 SEA ABB=ON PLU=ON L43 AND L59
 L66 1 SEA ABB=ON PLU=ON L43 AND L60
 L67 1 SEA ABB=ON PLU=ON L43 AND L61
 L68 1 SEA ABB=ON PLU=ON L43 AND L62
 L69 13 SEA ABB=ON PLU=ON L43 AND L63
 L70 10 SEA ABB=ON PLU=ON L43 AND L64

FILE 'STNGUIDE' ENTERED AT 15:31:51 ON 23 JAN 2008**FILE 'HCAPLUS' ENTERED AT 15:32:32 ON 23 JAN 2008**

L71 17 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70) NOT L58

FILE 'STNGUIDE' ENTERED AT 15:32:33 ON 23 JAN 2008**FILE 'METADEX' ENTERED AT 15:38:39 ON 23 JAN 2008**

L72 2 SEA ABB=ON PLU=ON LASER#####(2A)SINTER##### AND SURFACE AND
 ELECTRIC#####(3A)(CONDUCT##### OR RESIST#####)

FILE 'STNGUIDE' ENTERED AT 15:39:18 ON 23 JAN 2008**FILE 'COMPENDEX' ENTERED AT 15:43:24 ON 23 JAN 2008**

L73 4 SEA ABB=ON PLU=ON LASER#####(2A)SINTER##### AND SURFACE AND
 ELECTRIC#####(3A)(CONDUCT##### OR RESIST#####)

FILE 'STNGUIDE' ENTERED AT 15:44:03 ON 23 JAN 2008**FILE 'COMPENDEX' ENTERED AT 15:45:59 ON 23 JAN 2008**

L74 26 SEA ABB=ON PLU=ON LASER#####(2A)SINTER##### AND SURFACE(3A)
 ?STRUCTURE? OR ?PATTERN? OR ?FEATURE? OR ?BUMP?)

FILE 'STNGUIDE' ENTERED AT 15:46:39 ON 23 JAN 2008**FILE 'COMPENDEX' ENTERED AT 15:47:06 ON 23 JAN 2008**

L75 26 SEA ABB=ON PLU=ON L74 NOT L73
 L76 1 SEA ABB=ON PLU=ON L75 AND ELECTRIC#####
 L77 0 SEA ABB=ON PLU=ON L75 AND MAGNET
 L78 0 SEA ABB=ON PLU=ON L75 AND COIL
 L79 1 SEA ABB=ON PLU=ON L75 AND GRADIENT
 L80 2 SEA ABB=ON PLU=ON (L76 OR L77 OR L78 OR L79)

FILE 'STNGUIDE' ENTERED AT 15:47:46 ON 23 JAN 2008**FILE 'COMPENDEX' ENTERED AT 15:48:40 ON 23 JAN 2008**

L81 12 SEA ABB=ON PLU=ON L74 AND 744.9/CC
 L82 3 SEA ABB=ON PLU=ON L74 AND 536.1/CC
 L83 24 SEA ABB=ON PLU=ON L75 NOT L80
 L84 12 SEA ABB=ON PLU=ON (L81 OR L82)
 L85 10 SEA ABB=ON PLU=ON L83 AND L84

FILE 'HCAPLUS' ENTERED AT 16:09:04 ON 23 JAN 2008

E ZHU H, 2002/RE

L88 1162 SEA ABB=ON PLU=ON ZHU H, 2002?/RE
L89 14 SEA ABB=ON PLU=ON L88 AND ?SINTER?
L90 47 SEA ABB=ON PLU=ON L88 AND ?LASER?
L91 155 SEA ABB=ON PLU=ON L88 AND METAL#####
L92 116 SEA ABB=ON PLU=ON L88 AND ELECTRIC#####
L93 59 SEA ABB=ON PLU=ON (L89 OR L90)
L94 13 SEA ABB=ON PLU=ON L93 AND L91
L95 8 SEA ABB=ON PLU=ON L93 AND L92
L96 19 SEA ABB=ON PLU=ON (L94 OR L95)
L97 SEL PLU=ON L96 1- RN : 31 TERMS
L98 2645187 SEA ABB=ON PLU=ON L97
L99 18 SEA ABB=ON PLU=ON L96 AND L98
L100 19 SEA ABB=ON PLU=ON L96 OR L99
L101 4 SEA ABB=ON PLU=ON L100 AND SURFACE
L102 7 SEA ABB=ON PLU=ON L100 AND ?LAYER?
L103 5 SEA ABB=ON PLU=ON L100 AND MULTI
L104 0 SEA ABB=ON PLU=ON L100 AND MULTIPLE
L105 1 SEA ABB=ON PLU=ON L100 AND ?COAT?
L106 7 SEA ABB=ON PLU=ON L100 AND ?LAYER?
L107 12 SEA ABB=ON PLU=ON (L101 OR L102 OR L103 OR L104 OR L105 OR
L106)

10/586,895

FILE 'STNGUIDE' ENTERED AT 16:11:25 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 17:55:51 ON 23 JAN 2008

L108 9 SEA ABB=ON PLU=ON TOLOCHKO N, 1996?/RE
L109 3 SEA ABB=ON PLU=ON TUMER I, 1998?/RE
L110 12 SEA ABB=ON PLU=ON (L108 OR L109)
L111 10 SEA ABB=ON PLU=ON L110 AND ?SINTER?
L112 11 SEA ABB=ON PLU=ON L110 AND ?LASER?
L113 9 SEA ABB=ON PLU=ON L110 AND METAL?
L114 8 SEA ABB=ON PLU=ON L110 AND SURFACE?
L115 11 SEA ABB=ON PLU=ON (L111 OR L112 OR L113 OR L114)
 D BIB AB KWIC 1-11

10/586,895

FILE 'HCAPLUS' ENTERED AT 18:24:25 ON 23 JAN 2008
E US 4855102/RE
L116 4 SEA ABB=ON PLU=ON "US 4855102, 1989, OKADA"/RE

FILE 'STNGUIDE' ENTERED AT 18:24:32 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 18:24:50 ON 23 JAN 2008
E JP 6340901/RE
E JP 06340901/RE
L117 1 SEA ABB=ON PLU=ON "JP 06340901"/RE

FILE 'STNGUIDE' ENTERED AT 18:25:09 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 18:25:45 ON 23 JAN 2008
E JP 07030362/RE
E JP 7030362/RE

FILE 'STNGUIDE' ENTERED AT 18:26:01 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 18:26:19 ON 23 JAN 2008
E JP 63230802/RE

FILE 'STNGUIDE' ENTERED AT 18:26:25 ON 23 JAN 2008

FILE 'HCAPLUS' ENTERED AT 18:26:51 ON 23 JAN 2008
L118 5 SEA ABB=ON PLU=ON (L116 OR L117)
D ALL TOT

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	eberler and kolbeck and schon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/23 14:02
L2	1	2005-533912.NRAN.	DERWENT	OR	OFF	2008/01/23 14:11
L3	5	"1148341"	DERWENT	OR	OFF	2008/01/23 14:14
L4	1	"6539611"	USPAT	OR	OFF	2008/01/23 14:19
L6	1	"20070035069"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/23 14:20
L7	1	2006-757829.NRAN.	DERWENT	OR	OFF	2008/01/23 14:21
L8	1	2006-757829.NRAN.	DERWENT	OR	OFF	2008/01/23 14:31
L9	5	"4309524"	DERWENT	OR	OFF	2008/01/23 14:31
L10	2	"10042132"	DERWENT	OR	OFF	2008/01/23 14:31
L11	7	L9 or L10	DERWENT	OR	OFF	2008/01/23 14:53
L13	14	L1 or L3 or L4 or L6 or L9 or L10 or L11	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/23 14:54
L14	1	L13 and (void or voidspace or pore or pored or porous or porosity)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 14:55